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No. 22] NEW DELHI, SATURDAY, MAY 29, 1982 (JYAISTHA 8, 1904)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह असग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 29th May, 1982

CORRIGENDUM

(1)

In the Gazette of India Part III Section 2 dated 27-2-1982 under the heading Patent sealed delete 148053.

(2)

In the Gazette of India, Part III, Section 2 dated 20-2-1982 under the heading Patent Sealed delete 148769.

(3)

In the Gazette of India Part-III Section-2 dt. 17th Nov. 1979 under the heading "Complete Specification accepted" in page 669 in respect of Patent Specification No. 147101 *for* "Complete Specification left on December 10, 1977" *read* "Complete Specification left on October 29, 1977."

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017.

22nd April, 1982

449/Cal/82. Westinghouse Electric Corporation. Electrochemical cell shunting switch assembly with matrix array of switch modules.

450/Cal/82. Westinghouse Electric Corporation. Low dc voltage, high current switch assembly.

451/Cal/82. Totgerswerke Aktiengesellschaft. Process for oxidizing reactive aromatic substances.

452/Cal/82. Metal Box P.L.C. (formerly Metal Box Limited). Metal can bodies. (22nd April, 1981)

453/Cal/82. Societe D'Etudes Scientifiques Et Industrielles De L'Ile-De-France. Method of preparing novel substituted heterocyclic benzamides. (Division dated 17 Jan. 1979).

23rd April 1982

454/Cal/82. Hitachi Ltd. Glass encapsulated semiconductor device.

455/Cal/82. The Air Preheater Company, Inc. Heat Transfer Element Assembly.

456/Cal/82. Trisolarcorp. Maximizing power transfer from photovoltaic solar array.

457/Cal/82. Festo-Maschinenfabrik Gottlieb Stoll. A spool valve. (11th March, 1982)

458/Cal/82. Amsted Industries Incorporated. Railroad car Truck.

24th April, 1982

459/Cal/82. The British Aluminium Company Plc. Working strip material. (25th April, 1981)

26th April 1982

460/Cal/82. Lothar Teske. Device for discharging a round loose material silo.

461/Cal/82. Lothar Teske. Dicharge device for loose material bunker.

462/Cal/82. Hoechst Aktiengesellschaft. Anthraquinone compounds, processes for their manufacture and their use as dyestuffs.

463/Cal/82. Stoping Aktiengesellschaft. Sliding gate mechanism for melting crucibles.

464/Cal/82. Flogates Limited. Zircon-containing refractories. (8th May, 1981)

465/Cal/82. Lingaraj Patnaik. Wave-pump for use with water, other liquids and air.

466/Cal/82. Lingaraj Patnaik. Wave-propeller for use in water and air.

27th April, 1982

467/Cal/82. Mitsubishi Denki Kabushiki Kaisha. Method of producing electrically insulated conductor.

468/Cal/82. Hitachi Ltd. Slurry drip-feeding apparatus.

469/Cal/82. Elken a/s. Method and apparatus for charging a furnace.

470/Cal/82. Gyorgy Velsz. Peter Koszeghy, Gabor David, and Lajos Szekely. Four-terminal Network.

28th April, 1892

471/Cal/82. John Stephen Nitschke. Control system for monitoring and controlling the processing of glass sheets in a glass processing environment.

472/Cal/82. Elliot Gruenberg. Successive frame digital multiplexer with increased channel capacity.

473/Cal/82. Westinghouse Electric Corporation. Cellulose-free transformer coil & method.

ALTERATION OF DATE

149910 / 832/Del/80 —Ante dated 24 February 1978.

COMPLETE SPECIFICATION ACCEPTED

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CLASS—126B & 206E. 149902

Int. Cl. G01v 11/00; H04b 3/00.

APPARATUS FOR THE EXPLORATION OF GEOLOGICAL FORMATIONS TRAVERSED BY A BOREHOLE.

Applicants :—SCHLUMBERGER OVERSEAS S.A. OF VIA ESPANA 200, PANAMA CITY, PANAMA.

Inventors :—ANTOINE G. BELAIGUES, ALAIN F. PAUMARD, AND YVES DURAND.

Application No. 125/Cal/78 filed February 3, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

Apparatus for the exploration of geological formation traversed by a borehole, comprising surface equipment, downhole equipment and a cable interconnecting the surface and downhole equipments said equipments being provided with a data transmission system including the cable, the surface equipment comprising at least one receiver and one source of data, and the downhole equipment comprising telemetry device connected to the cable and at least one logging tool connected to the telemetry device and arranged to produce data about said formation, the telemetry device and the or each logging tool being protected by an elongate pressure-resistant housing having at each end electrical connection means and mechanical connection means wherein the said data transmission system is a digital system comprising, in the surface and downhole equipment respectively, a surface modem and a downhole modem connected to the cable, a surface controller and a downhole controller each connected to the corresponding modem, a surface bi-directional bus line and a downhole bi-directional bus line each connected to the corresponding controller, and a plurality of universal interface circuits individually and respectively associated with the telemetry device and the or each logging tool, wherein each surface data receiver and data source is connected in parallel to the surface bus line, wherein at least one surface data source comprises a generator of specific address signals, wherein the downhole modem and controller are disposed within the telemetry-device housing, wherein each universal interface circuit is disposed within the respective telemetry-device or logging-tool housing, is connected in parallel to the downhole bus line, and comprises a specific-address recognition circuit, and wherein the downhole bus line comprises the end-to-end connection of groups of conductors via the directly interconnected electrical connection means of the telemetry device and the or each logging tool, each group of conductors traversing longitudinally a respective telemetry device or logging tool and interconnecting the electrical connection means thereof.

Compl. Specn. 56 Pages. Drg. 16 Sheets.

CLASS—107G 149903

Int. Cl. F02 67/02.

AIR-COMPRESSION DIRECT INJECTION INTERNAL COMBUSTION ENGINE.

Applicants :—MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STR. 101, D 8500 NURNBERG, WEST GERMANY.

Inventor :—ING. ALFRED NEITZ.

Application No. 225/Cal/78 filed March 2, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims. No drawings.

An air-compression direct-injection internal combustion engine having a combustion chamber in the shape of a body of revolution arranged in a piston or cylinder head, means for imparting to the inflowing air foe combustion a rotation about the longitudinal axis of the combustion chamber, means for applying fuel at upper engine speeds and loads substantially as a film onto the combustion chamber wall, so that the film evaporates, is gradually removed by the rotating air, mixed therewith and eventually burned, whereas at idling and low engine speeds and loads the fuel is mixed directly with the air for combustion, and means for maintaining the fuel injection pressure at the injector nozzle hole constant or substantially constant over the full operating range of the engine.

Compl. Specn. 9 Pages. Drg. Nil.

CLASS—131B 149904

Int. Cl. E21b 9/24.

A DRILLING DEVICE.

Applicants :—SANDVIK AKTIEBOLAG, OF FACK S-811 01 SANDVIKEN 1, SWEDEN.

Inventor : HARRY ARTUR INGVAR WIREDAL.

Application No. 449/Cal/78 filed 25 April, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

6 Claims.

A drilling device of the type comprising a rotatable drilling tool adapted to drill a hole in advance of a training casing

tube through which is passed a rotatable drill rod, said drilling tool comprising a centrally provided bit and eccentrically disposed reamer cutting edge means in axial proximity rearwardly of said, bit, characterized by a cylindrical guide body in coaxial relation to said bit the forward portion of said guide body having a diameter such as to provide a sliding engagement with interior cylindrical portion of a mouth portion of said casing tube, said guide body having rearwardly extending slots provided in the mantle surface of its forward portion for the discharge of drilling debris rearwardly through an annular space provided between said rotatable drill rod and said casing tube.

Compl. Specn. 8 Pages. Drg. 2 Sheets.

CLSS-6B[2] & 61A & 85 J 149905.

Int. Cl. A61l 9/00.

AN APPARATUS FOR CONTINUOUS DEHYDRATION OF ATMOSPHERIC AIR FOR SUPPLY VIA A BLOWER TO A BLAST FURNACE.

Applicants :—TAKASAGO THERMAL ENGINEERING CO. LTD. AND NIPPON STEEL CORPORATION, OF 4-2, KANDA SURUGADAI, CHIYODA-KU, JAPAN AND 6-3, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors :—TORU YOSHIDA, KAMEO HOSOI, TAKEHISA TANAKA, SEIJI HIRAI AND MASAKAZU NAKAUJI.

Application No. 571/Cal/78, filed 26 May, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

An apparatus for continuous dehydration of atmospheric air for supply via a blower to a blast furnace, comprising a dehydration assembly (5, 5') provided with at least one dehydration means (6) for contacting an intake stream of atmospheric air with regenerative hygroscopic liquid so as to reduce the moisture content of the air, an outlet duct for the dehydrated air coming from the dehydration assembly a regenetation assembly (10) for used hygroscopia liquid, the regeneration assembly being provided with at least one regeneration means (11, 12) for contacting at least a part of the hygroscopic liquid which has been used in the dehydration assembly with another intake stream of atmospheric air heated by a fluid heating medium so as to regenerate said part of the hygroscopia liquid, piping means being provided for circulating through the or each said dehydration means the so regenerated hygroscopic liquid together with any remainder of the hygroscopic liquid which has been used in the dehydration assembly, means for continuously detecting the density (and hence concentration) of the hygroscopic liquid flowing through said piping means, and means for controlling the flow rate of the fluid heating medium introduced into said regeneration means in accordance with a signal from said means for detecting the concentration of hygroscopic liquid; characterised in that

(a) a cylinder (24) is provided through which at least a part of the hygroscopic liquid flowing through said piping means is caused to flow so as to provide a liquid head of a predetermined height;

(b) said means for continuously detecting the concentration of the hygroscopic liquid flowing through said piping means comprises means (31) for detecting the liquid pressure provided by said predetermined height of liquid in said cylinder (24), said liquid pressure varying with the density and hence the concentration of said liquid in the cylinder;

(c) said regeneration assembly (10) is divided into a plurality of regeneration units (A, B, C, D), each regeneration unit being provided with its own regeneration means (11, 12) and means (20) for controlling the flow rate of the hygroscopic liquid introduced into said regeneration means directly or indirectly in accordance with a signal from said means (30, 31) for detecting the concentration of the hygroscopic liquid, whereby each regeneration unit is controllably operable independently or other units: and

(d) each regeneration unit is further provided with at least one heat exhanger (42, 43, 44) for transferring sensible heat of at least on fluid, of the regenerated hygroscopic liquid, fluid heating medium and air, leaving the regeneration means of said unit to at least one fluid of the hygroscopic liquid to be regenerated and atmospheric intake air, introduced into said unit.

Compl. Specn. 25 Pages. Drg. 4 Pages.

CLASS-69I 149906.

Int. Cl. F 21V[1] 23/04.

BROKEN WIRE SWITCH.

Applicants :—WEAN UNITED INC. PENNSYLVANIA, U.S.A.

Inventor :—PAUL W. HUDDLESTON.

Application No. 660/Cal/78 filed 14 June 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims.

A broken wire for interrupting operation of a machine producing a continuous travel of a drawn wire having energy reflecting characteristic, in general predetermined path of which at least a portion is through the machine, comprising an energy supply means, means for maintaining the said energy supply means so directed that its energy intercepts the path of travel of the wire, an energy receiving means, means mounting the energy receiving means on the same side as the path of travel of the drawn wire as the energy means so that it receives energy reflected by the wire, the said energy receiving means including means sensitive to the presence and absence of reflected energy from said energy supply means, and means associated with the said sensitive means of the said energy receiving means and adapted to produce a control signal for causing interruption of the travel of the drawn wire when because of a break in the continuous travel of the wire in the said portion of its path the said energy receiving means fails to receive reflected energy from the energy supply means.

Compl. Specn. 8 Pages. Drg. 2 Sheets.

CLASS-83A[1] & 136C. 149907.

Int. Cl. A 23j 3/00; A 231 1/34; B 326 32/30;

B 30b 11/22.

IMPROVEMENTS IN OR RELATING TO AN EXTRUSION APPARATUS FOR PRODUCING A MEAT ANALOGUE PRODUCT.

Applicants :—WENGER MANUFACTURING, SABETHA, COUNTRY OF NEMAHA, KANASAS, UNITED STATES OF AMERICA.

Inventors :—LAVON GENE WENGER, DOUGLAS STUART CLARK AND BOBBIE WAYNE HAUCK.

Application No. 775/Cal/78 filed 13 July, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

14 Claims.

In an extrusion apparatus for producing a meat analogue product from a mixture comprising a vegetable protein and moisture said apparatus including an elongated, tubularbarrel having a material inlet adjacent one end thereof, and an elongated, axially rotatable screw positioned within said barrel for moving said material from said inlet towards and through said die, said screw including first, second and third longitudinally aligned sections, said first screw section having first screw means for moving said material from said inlet along the length of said barrel towards said second screw section, the improvements which comprises a second section having seconnd screw means for compacting the material received from said first section and forming a first choke of the material within the barrel and intermidiate the ends thereof, said second section also having additional screw means thereon which is cooperable, with the adjacent surrounding portion of said barrel, for allowing sub-division of said compacted material during travel thereof toward said third section, said third section having third screw means for substantially recombining said subdivided material and forming a second choke of said material within the barrel and adjacent said extrusion die.

Compl. Specn. 29 Pages. Drg. 3 Sheets.

CLASS-107J 149908.

Int. Cl. F02n 11/00.

IMPROVEMENTS IN OR RELATING TO AN ELECTRIC STARTER FOR INTERNAL COMBUSTION ENGINE.

Applicants :—SOCIETE DE PARIS ET DU RHONE, OF 36 AVENUE JEAN MERMOZ, 69008 LYON, FRANCE.

Inventor :—ALFRED BRUNO MAZZORANA.

Application No. 1239/Cal/78 filed November 16, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

An electric starter for an internal combustion engine comprising a locking device between the starter motor shaft and the actuator, the locking device employing balls mounted in a cage and lying between mutually comical surfaces characterized in that the cage or a member fast with the cage is directly connected to a lever member which during its initial movement is adapted to move the actuator so that the cage is moved from a position where the balls are in locking position between the conical surfaces to a position where they are no longer in contact with both surfaces.

Compl. Specn. 8 Pages. Drg. 3 Sheets.

CLASS-131A 149909.

Int. Cl. E02 d 31/04.

PLUG FOR ELIMINATING TROUBLESOME ZONES IN WELLS.

Applicants :—TERRITORIALNOE GEOLOGICHESKOE UPRAVLENIE TSENTRALNYKH RAINOV, OF 2, ROSCHINSKAYA ULITSA, 10 MOSCOW, U.S.S.R. AND SEVERO-ZAPADNOE GEOLOGICHESKOE UPRAVLENIE, TSENTR, ULTSA GERTSENA, 59, LENINGRAD, U.S.S.R.

Inventors :—VIKTOR FILIPROVICH ROGOV, NIKOLAI KONSTANTINOVICH LIPATOV, GENNADY VASILIEVICH PATRUSHEV, RUBEN ARMENOVICH TATEVOSIAN, MIKHAIL YAKOVLEVICH TITOV.

Application No. 581/Cal/79 filed June 5, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

1 Claim.

A plug for eliminating troublesome zones in wells, comprising a plugging agent in the form of a dry quicksetting mixture packed in an elastic water-proof cylinderical chamber having the same diameter as the well being treated and whose bottom end is stoppered, while the top end there of is provided with elastic retainers and is shaped as a double strip formed by the walls of the cylindrical chamber and defined by two paripheral longitudinal seams running to the boundary line of the plugging agent, said strip being bent along said boundary line over the plug body so as to be forced there against by said elastic retainers.

Compl. Specn. 8 Pages. Drg. 1 Sheet.

CLASS-62A 149910.

Int. Cl. D061 3/02.

METHOD FOR THE BLEACHING OF SYNTHETIC OR CELLULOSIC MATERIALS SUCH AS FIBRES, FABRICS AND TEXTILES.

Applicants :—INTEROX, OF 33 RUE DU PRINCE ALBERT, B-1050 BRUSSELS, BELGIUM.

Inventors :—JEAN BRICHARD AND JEAN-CLAUDE COLERY.

Application No. 382/Del/80 filed 23 May, 1980.

Division of Application No. 149/Del/78 filed 24 Feb. 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Delhi Branch.

11 Claims. No Drawings.

A method for the bleaching of synthetic or cellulosic materials such as fibres, fabrics and textiles which comprises applying to said fabrics or textiles an aqueous bleaching solution containing as bleaching agent from 0.1 to 90 wt.% of a novel superoxidised solid sodium perborate in particles form, said perborate containing more than 17 wt.% active oxygen and less than 1.4 atoms hydrogen per active oxygen atom.

Compl. Specn. 9 Pages. Drg. Nil

CLASS-40F & 70C1 149911.

Int. Cl. B01d 43/00, B03c 5/00.

A PROCESS FOR REMOVING WATER FROM AN AQUEOUS DISPERSION OF SOLIDS AND AN APPARATUS FOR CARRYING OUT THE SAID PROCESS.

Applicants :—MONSANTO COMPANY, OF 800 NORTH LINBERGH BOULEVARD ST. LOUIS, MISSOURI 63166, U.S.A.

Inventor :—EDWARD JACKSON GRIFFITH.

Application No. 612/Cal/78 filed June 5, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

10 Claims.

A process for removing water from an aqueous dispersion of solids which have an electrical charge in relation to ground zero via electroendosmosis characterized by : mounting a first electrode means in said aqueous dispersion, mounting a third electrode means in said aqueous dispersion separated from said first electrode means by a distance of at least about six meters, mounting a second electrode means in said aqueous dispersion intermediate said first electrode means and said third electrode means and closer to said first electrode means than said third electrode means, wherein no five percent (5%) of the linear distance between said first electrode means and said third electrode means exhibits a voltage deop greater than thirty, percent (30%) of the total voltage drop between said first electrode means and said third electrode, and establishing a direct current electrical potential between said first and second electrode means and said third electrode means wherein the water in said aqueous dispersion of solids is moved toward said first and second electrode means whereby said water may be removed and said solids remain.

Compl. Specn. 17 Pages. Drg. 1 Sheet.

CLASS 32F1 & 2(a) & 2(b) & 55D 149912.

Int. Cl. C97C 127/16; 607d 51/76.

A NOVEL PROCESS FOR THE PREPARATION OF A BENZYLUREA.

Applicants :—ELI LILLY AND COMPANY, OF 307 EAST MCCARTY STREET, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

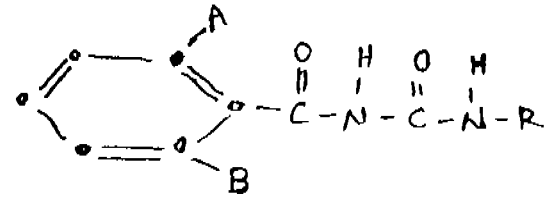
Inventors :—JOHN LOUIS MIESEL, RIAZ FAZAL ABDULLA, AND NORMAL HENRY TERANDO.

Application No. 666/Cal/78 filed 16 June, 1978. Convention date June 22, 1977 (26093/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

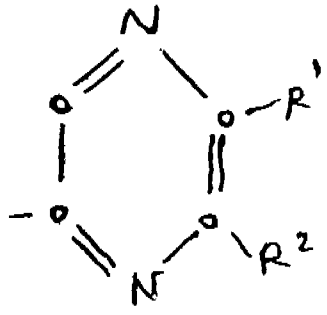
11 Claims.

A novel process for the preparation of a benzoylures having the formula I.

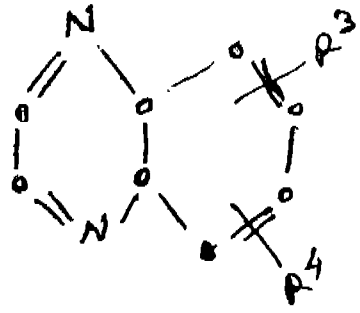


Formula I

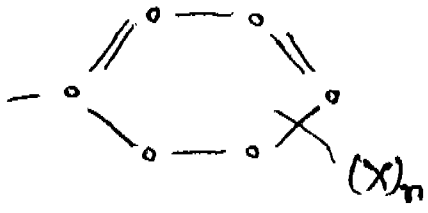
wherein : A is chloro, fluoro, bromo, methyl or trifluoromethyl; B is hydrogen, chloro, fluoro, bromo, methyl or trifluorome- thyl; R is a group of formula II, III, IV, or V



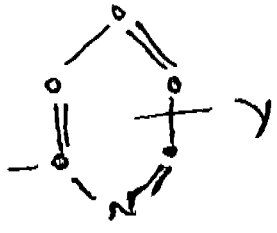
Formula-II



Formula-III

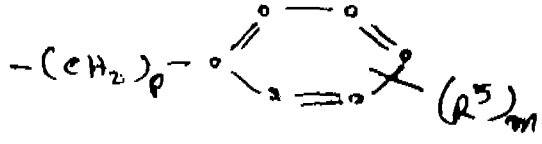


Formula-IV



Formula-V

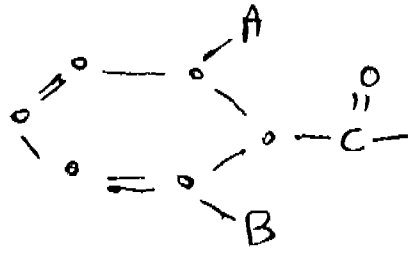
R^1 is hydrogen, halor, C_1—C_6 alkyl, halo (C_1-C_6 alkyl), cyano or group of formula VI or VII;



Formula-VI

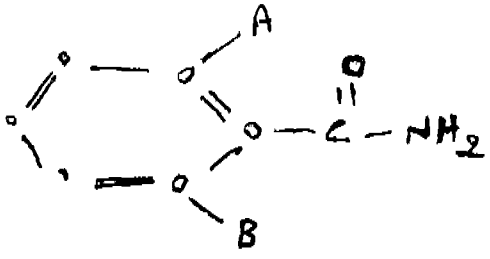
Formula-VII

R^2 is hydrogen, hals, metheyl, ethyl, cyano or halo (C_1-C_4) alky, R^3 and R^4 are the same or different and are hydrogen, halo, C_1-C_6 alkly cyano or halo (C_1-C_4) alky, R^5 is halo (C_1-C^4) alky, CC^4-C^6 alkyl, cyanor phenyl X is halo or C_1-C_4 alkyl. Y is halo; Z is oxygen or sulfur; n is 0, 1, or 2; p is 0 or 1; and m is 0, 1, 2, or 3; which is choracterized by providing a ureido bridge between the motities having the formula VIII:



Formula-VIII

wherein A, B, and R are defined as above which comprises reacting a benzamide having the formula IX;



Formula-IX

with a C_1-C_7 alkylithium in an inert solvent at -80 to -40°C in the pressence of a phenyl chloroformate and an amine having a formula R-NH_2 where R is as defined before with the proviso that said amine is added alongwith the phenylchloroformate or the said amine is added after the addition of phenyl chloroformate, the reaction involving the amine being carried out in an inert solvent at a temperature of -80 to -40°C and slowly raising the temperature to a range between 20° to 100°C as required to obtain the desired benzoyl urea.

Compl. Specn. 26 Pages. Drg. 2 Sheets.

CLASS-172F. 149913

Int. Cl. D01g 23/08.

A PNEUMATIC SYSTEM FOR FEEDING A PLURALITY OF FIBRE TREATING MACHINES WITH FIBRES.

Applicants :—MASCHINENFABRIK RIETER A.G. OF WINTERTHUR, SWITZERLAND.

Inventors :—WERNER LATTMANN, AND RUDOLF WILDBOLZ.

Application No. 830/Cal/78 filed July 29, 1978.

Convention date August 22, 1977 (35115/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

A pneumatic system for feeding a plurality of fibre treating machines with fibres which can be pneumatically transported comprising a plurality of feed ducts for pneumatically feeding flock, a plurality of branch duct associated with respective machines, each branch duct having a selectively openable connection with each feed duct, a flock feed chute for each machine connected between the associated branch duct and the machine, means for creating a flow of flock along the branch duct from the connections to the feed chute and an air intake in the branch duct upstream of its connections with the feed ducts.

Compl. Specn. 10 Pages Drg. 2 Sheets.

CLASS-143D 149914

Int. Cl. 65 b 11/48.

PACKAGE FOR DOUBLE-ARMED SUTURES.

Applicants :—ETHICON INC. OF SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors :—HARVEY MANDEL AND EBERHARD THYEN.

Application No. 897/Cal/78 filed August 16, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

A package for double-armed sutures comprising (a) needle mounting means, (b) suture loop retaining means, (c) a carrier for said needle mounting means and suture loop retaining means comprising a multipanel foldable card member, (d) a double-armed suture mounted on said carrier with a major portion of said suture enclosed between first and second folded panels of said carrier and with both needles secured in said needle mounting means and a suture loop substantially equidistant from each needle secured in said suture loop retaining means, said needles and said suture loop being exposed and readily accessible while said suture is mounted on said carrier, whereby said suture may be cut at said loop to obtain two single—armed sutures of substantially equal length before removing said suture from between said folded panels.

Compl. Specn. 14 Pages Drg. 3 Sheets

CLASS-119D 149915.

Int. Cl. D03d 47/30.

AIR PRESSURE SUPPLY SYSTEM FOR A PNEUMATIC WEAVING MACHINE.

Applicants : RUTI-TE STRAKE B.V. OF 7, DEURNE, THE NETHERLANDS.

Inventor :—HUBERT PETRUS VAN MULLEKOM.

Application No. 936/Cal/78 filed August 24, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An air pressure supply system for a pneumatic weaving machine, comprising a pressurized air container connected to a pressurized air conduits through a main control valve, a main blowing nozzle and a number of (groups of) auxiliary blowing nozzles which are each connected through a control valve to the pressurized air container characterized in that the said blowing nozzles are also together connected with an auxiliary supply conduit through a check valve, the main control valve A being constructed so that the auxiliary supply conduit is, under normal operational conditions, vented through the main control valve A, whereas it is connected with said pressurized air conduit when the main control valve A is in its position corresponding to still stand position of the machine, the pressurized air container being then relieved towards the auxiliary supply conduit through a check valve.

Compl. Specn. 7 Pages. Drg. 1 Sheet.

CLASS-55E 149916

Int. Cl. A61K 23/00.

PROCESS FOR THE PRODUCTION OF HUMAN INTERFERON.

Applicants : KEN HAYASHIBARA, OF 9-8, 4-CHOME, HIGASHIFURUMATSU, OKAYAMA-SHI, OKAYAMA, JAPAN, AND SHIN ASHIDA, OF 148-3, UCHIDEKASUGACHO, ASHIYA-SHI, HYOGO, JAPAN.

Inventors : KANAME SUGIMOTO, AND SHOKICHI YUEN.

Application No. 67/Cal/79 filed January 22, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the production of human interferon, characterized by multiplying established human cells capable of producing human interferon by transplanting said cells to a non-human warm-blooded animal body or allowing said cells to multiply with a diffusion chamber by which the nutrient body fluid of a non-human warm-blooded animal is supplied to said cells, exposing *in vivo* or *in vitro* the multiplied human cells to an interferon inducer to induce the production of human interferon in said cells, and collecting and purifying the resultant human interferon.

Compl. Specn. 28 Pages. Drg. Nil.

CLASS-179E 149917.

Int. Cl. B65b 7/28, B65d 43/08.

CONTAINER CLOSURE MEMBERS.

Applicants : AB AKERLUND & RAUSING OF FACK, S-221 01 LUND, SWEDEN.

Inventor : JAN-BERTIL JEPPSON.

Application No. 286/Cal/79 filed March 23, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A closure member for closing a container opening bounded by an upstanding edge, said member being integrally formed of plastics material and comprising a closure panel with a circumferential rim for abutting the internal surface of said upstanding edge, characterised in that said member has a circumferential edge flange delimited at its inner edge by a circumferential line of weakness along which the flange can be folded to about the outer surface of said upstanding edge and in that the flange has cutout portions to permit the folded flange to conform to said outer surface.

Compl. Specn. 14 Pages. Drg. 4 Sheets

CLASS-35C & 40 F & 85F 149918

Int. Cl. B01j 6/00; C04b 7/00.

APPARATUS FOR CARRYING OUT PREHEATING AND CALCINATION OF POWDER MATERIAL PARTICULARLY USED FOR MANUFACTURE OF CEMENT.

Applicants : PREROVSKE STROJIRNY, NARODNI PODNIK OF PREROV, CZECHOSLOVAKIA.

Inventor : ZDENEK ZACPAL.

Application No. 461/Cal/79 filed May 4, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Apparatus for carrying out preheating and calcination of powder material particularly used for manufacture of cement in an arrangement comprising a shaft heat exchanger with a cylindrical shaft, cyclones in its upper part, a gas supply duct from a rotary kiln terminating tangentiality into the lower part of the cylindrical shaft and having raw material and gas conduits characterized in that a raw material distributor is provided below the conical hopper of the shaft heat exchanger, from which distributor a recirculation conduit leads to the lower part of the gas supply duct and a raw material conduit to the rotary kiln.

Compl. Specn 14 Pages. Drg. 4 Sheets

CLASS-32F 2(b) 55D 149919

Int. Cl. C07d 91/32; A01n 3/00; 21/00; 9/00.

A METHOD OF PREPARING A HERBICIDAL COMPOSITION CONTAINING 2-SUBSTITUTED-4-ARYL-5-THIAZOLECARZOXYLIC ACIDS AND DERIVATIVES THEREOF.

Applicants : MONSANTO COMPANY, OF 800 NORTH LINDBERTH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

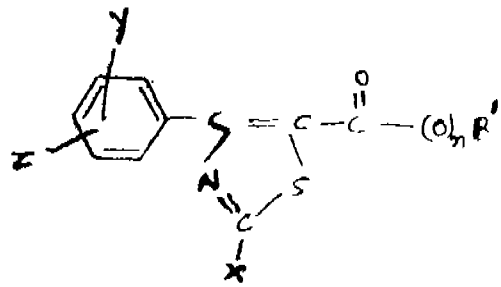
Inventors : ROBERT KENNETH HOWE AND LEN FANG LEE.

Application No. 492/Cal/79 filed May 14, 1979.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Officer, Calcutta.

9 Claims.

A method of preparing a herbicidal composition by bringing into intimate contact in a manner such as herein described a herbicidally effected amount of butachlor and a safening effective amount such as herein described of a compound having the formula I.



Formula-I

wherein n is zero or one; X is selected from the group consisting of halogen, lower alkoxy, phenoxy and halophenoxy; Y and Z are independently selected from the group consisting of hydrogen, halogen, trifluoromethyl, nitro and lower alkyl; when n is one, R′ is hydrogen, lower alkyl or agriculturally acceptable cations such as herein described and when n is zero, R′ is chloro.

Comp. Specn. 27 pages. Drg. 1 Sheet.

CLASS-32F 2(a)(b) 55D[8]. 149920

Int. Cl. C07C 125/02; A01n 9/00.

PROCESS FOR THE PREPARATION OF WATER SOLUBLE PESTICIDAL QUARTERNARY AMMONIUM SALT COMPOUND.

Applicants: UNION CARBIDE CORPORATION, OF 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

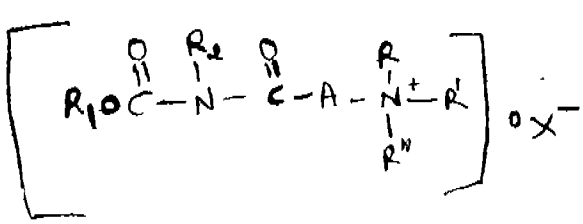
Inventor: BARBARA WARREN KAPLAN.

Application No. 493/Cal/79 filed May 14, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Officer, Calcutta.

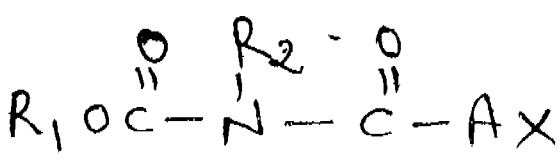
15 Claims.

A process of preparing a compound of the Formula I.



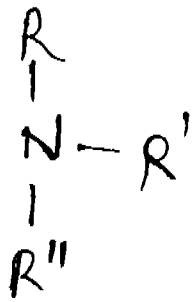
Formula—1

which comprises reacting in a manner such as herein described a compound of the formula 2.



Formula—2

with a compound of the formula 3.



Formula—3

wherein : R_1 is benzofuranyl, benzodioxanyl, benzothienyl, dihydrobenzothienyl, benzodioxolanyl or dihydrobenzofuranyl, all of which may be either unsubstituted or substituted with one or more alkyl groups having from 1 to 8 carbon atoms. R_2 is alkyl having from 1 to 8 atoms;

X is any mono-valent inorganic or organic anion; A is a divalent alphatic hydrocarbon radical having from 1 to 25 carbon atoms;

R, R′ and R″ are : (A) individually, either substituted or unsubstituted alkoxyalkyl, alkenyl or alkynl; or; (B) when R and R′ are the same or different and are methyl or ethyl, R″ is either a substituted or unsubstituted phenyl, naphthyl, cycloalkyl, cycloalkynyl or a 5 to 6 membered ring structure which may include one or two hetero-atoms of oxygen and/or nitrogen, or; (C) when R is alkyl of from 1 to 4 carbon atoms, R′ and R″ together may form either a substituted or unsubstituted alkenylene or alkylene chain having from 2 to 20 carbon atoms, which completes a 3, 4, 5, 6, 7, 8 or 9 membered monocyclic ring structure; said chain may include one or two heteroatoms of oxygen and/or nitrogen; or; (D) R, R′ and R″ together may form a substituted or unsubstituted alkylene or alkenylene chain having from 2 to 20 carbon atoms which completes a 3, 4, 5, 6, 7, 8 or 9 membered monocyclic or bicyclic ring structure, and said chain may include one or two heteroatoms of oxygen and/or nitrogen; wherein the permissible substituents that may be substituted on R, R′ and R″ are one or more alkoxy alkyl alkanoxloxy, alkoxycarbonyl, cyano, halo, nitro, dialkylamino or alkanoyl groups; with the proviso that the sum of alinhatic carbon atoms include in R, R′ and R″ not more than thirty-five.

Compl. Specn. 34 Pages. Drg. 8 Sheets

CLASS-145B & D 149921

Int. Cl. B65h 54/00; D21f 2/00

IMPROVEMENT IN WINDERS FOR WINDING A ROLL FROM A CONTINUOUS TRAVELLING WEB AND MORE PARTICULARLY TO PAPER WEB WINDERS.

Applicants:—BELOIT CORPORATION, OF BELOIT, WISCONSIN 53511, U.S.A.

Inventors:—CARL BERNARD DAHL AND JERE WILMOT CROUSE.

Application No. 1195/Cal/78 filed November 4, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A winder for winding a continuous travelling web, the combination comprising : first and second cylindrical winder drums rotatable in the same direction on horizontal parallel axes for supporting a roll being wound thereon; a rider roll positioned above the winder drums for engaging the surface of the wound roll and applying a generally downwardly directed force thereto; a beam means for supporting the rider roll and applying the downwards force; and means for changing the location of said rider roll circumferentially relative to the wound roll axis during winding to compensate for the changing spring constant of the wound roll and reducing the vibration thereof.

Compl. Specn. 14 Pages. Drg. 2 Sheets.

CLASS-10-E, 206-E, 149922

Int. Cl; F 42 c 9/00

CONTROLLED VARIABLE TIME DELAY CIRCUIT.

Applicant :—BHABHA ATOMIC RESEARCH CENTRE, TROMBAY, BOMBAY-85, MAHARASHTRA, INDIA.

Inventors :—1. DR. PRANAB REBATIRANJAN DASTIDAR. 2. KUZHIKKAT VASUDEVAN VASUDEVAN NAMBUDIRI AND 3. RAJENDRA KUMAR NIGAM.

Application No. 235/Bom/1973 filed : Jul. 16, 1973.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

A controlled variable time delay circuit for use in proximity fuse or for abrupt switching of any electronics system comprising of a capacitance and variable resistance connected in series across a power source, wherein appropriate means consisting of transistor and constant voltage dropping zener diode with or without appropriate resistances for switching the said transistor are provided across the said capacitor in such a way that when the power source is connected a step function voltage is available at the collector of the said transistor after a pre-determined time interval to energise the initiating system of a proximity fuze or any electronics system.

Complete specification 7 pages. Drawing sheets—5

CLASS-10-E, 206-E 149923

CLASS-G 01 fl 19/00, 29/00

AN OSCILLATOR SENSITIVITY MEASURING GEAR.

Applicant :—BHABHA ATOMIC RESEARCH CENTRE, TROMBAY-BOMBAY-85, MAHARASHTRA, INDIA.

Inventors :—1. KRISHNA KANT SETH, 2. WUNDAVILLI VENKATARAMANA, 3. KUZHIKKATT VASUDEVAN VASUDEVAN NAMBUDIRI, 4 RAJENDRA KUMAR NIGAM, 5. DR PRANAB REBATIRANJAN DASTIDAR.

Application : 236/Bom/1973 filed JUL. 16, 1973.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

An oscillator sensitivity measuring gear for proximity fuze cellibration comprising of an antenna and means for varying the effective radiated signal from the said antenna at the required rate, lifting gears for the said antenna and the said fuze, which is coupled to its shell and energised by a separate power source inside the said shell, so as to keep the said antenna and the said fuzed shell sufficiently away from external electromagnetic disturbances and means for varying the relative positions of the said antenna end said fuzed shell wherein means for detecting said fuze's amplifier output, which can be displayed at the shell or telemetered for remote Indication has been provided inside the said shell.

Complete specification—9 pages. Drawing sheets—5

CLASS-94-I 149924

Int. cl; C 13 d 1/00

A SUGARCANE MILL FOR OBTAINING JUICE FROM SUGARCANE IN THE MANUFACTURE OF SUGAR OUT OF SUGARCANE.

Applicant & Inventor :—KARNE TUKARAM MUGUT RAO, P.O. GUNAWARE, TALUKA : PHALTAN, DIST : SATARA, MAHARSHTRA, INDIA.

Application No. 87/Bom/79 filed : MARCH 27, 1979.

Complete specification left on JUNE 5, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

A sugarcane mill for obtaining juice from sugarcane in the manufacture of sugar out of sugarcane characterised in that an additional roller mill is placed below the bagacillo and juice straning screen of the first and second roller mill of a conventional sugar mill, said roller mill being positioned above and between the said first and second roller mill and having its bagasse output opening into the conveyor input of the second roller mill and its juice output leading to an additional juice straining screen.

Provisional specification—3 pages Drawing—1 sheet.

Complete specification—8 pages Drawing—4 sheets.

CLASS-6B$_b$ & 61E 149925

Int. Cl. B 08 b 17/02

A SILICA GEL BREATHER FOR BUS DUCTS.

Applicant : BEST & CROMPTON ENGINEERING LIMITED, 29, NORTH BEACH ROAD, MADRAS-600 001, TAMIL NADU.

Inventors :—(1) BEHARA SANKAR RAO PATNAIK. (2) SINGARAM PERIASAMY.

Application No. 215/Mas/80 filed November 26, 1980.

Complete specification left January 24, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims.

A silica gel breather for a busduct, comprising a container of silica gel, the base of the container being provided with a meshed first mouth surrounded by a collar while the top of the container is provided with a second mouth connectable to a busduct so as to be in communication with the interior thereof; a cup containing oil surrounding the first mouth, the cup being attached to the collar, while the surface of the oil is in communication with atmosphere through orifices provided in the collar and cup and the first mouth is submerged under the level of the oil, whereby air from atmosphere, entering the busduct through the oil the first mouth, the silica gel and the second mouth is thus rid of suspended impurities and moisture.

(Prov.—4 pages; Com.—5 pages; Drwg—1 sheet)

OPPOSITION PROCEEDINGS

(1)

An Opposition has been entered by India United Mills Dye Works (No. 6 Mill) to the grant of a patent on application No. 149214 by V. D. Sahakari.

(2)

An opposition has been entered by India United Mills Dye Works (No. 6 Mill) to the grant of a patent on application No. 149281 made by V. D. Sahakari.

(3)

An opposition has been entered by M/s. Premier Dyes Corporation to the grant of a patent on application for patent No 149281 made by Vishawanath Dattatray Sahakari.

(4)

An opposition has been entered by Thermax Private Limited, to the grant of a Patent on application for Patent No. 149317 made by Deccan Sugar Institute.

(5)

An opposition has been entered by M/s. National Research Development Corporation of India on Patent application No. 149429 made by Dr. Kararundalige Sitaramdas Gururaja Doss.

PATENTS SEALED

146429 147638 148063 148886 148981 148982 148983 149139 149143 149153 149164 149172 149173 149175 149179 149180 149190 149195 149196 149198 149199 149200 149201 149259

AMENDMENT PROCEEDINGS UNDER SECTION 57.

Notice is hereby given that Westinghouse Electric Corporation, of Westinghouse Building, Gateway Center, Pittsburg, Pennsylvania 15222, United States of America, a corporation organized and existing under the laws of the State of Pennsylvania, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification their patent application No. 149442 for "Low voltage vacuum shorting switch for electrolytic cells." The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-7000 17 or copies of the same can be had on payment of this usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with notice of opposition it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

143636 (11-07-75) Recovery of fibre grade glycol from glycon bleed.

143772 (15-06-76) Process for the preparation of solid ammonium persulfate.

143868 (17-06-76) A method for making an improved polyethylate terephthalate film

143919 (10-02-75) Method for selectively depositing glass on semiconductor devices.

143931 (29-11-75) A continuous process for producing a stream of gas.

RENEWAL FEES PAID

109166 109786 109901 110696 111193 111953 112226 113123
113388 113945 114341 114444 114461 114770 114786 115412
115576 115710 115829 115866 115902 115923 115937 115973
116011 116012 116111 116357 116671 116674 117121 119255
120373 121159 121180 121246 121250 121276 121319 121335
121400 121423 121425 121483 121668 122938 125113 126127
126240 126546 126547 126555 126608 126693 126699 126755
126759 126812 126877 127352 127353 127354 128935 129425
130178 130238 130609 130610 130727 130951 131203 131222
131282 131290 131312 131329 131330 131347 131348 131357
131398 131400 131452 131469 131510 131523 131620 131725
131944 131946 132282 132337 133324 133362 133363 134718
134765 135047 135054 135570 135692 135803 135825 135945
136344 136430 136638 136978 137016 137112 137113 137266
137350 137355 137394 137407 137966 138038 138047 138245
138543 138561 138576 138891 138918 138945 138953 138992
139073 139351 139442 139455 139478 139623 139642 139667
139736 139863 139864 139865 140052 140352 140821 140913
141061 141176 141215 141225 141275 141316 141361 141383
141542 141727 141736 141797 141811 141866 142361 142407
142408 142437 142704 143061 143128 143165 143174 143207
143303 143501 143729 143775 144053 144061 144085 144116
144208 144276 144398 144409 144518 144586 144604 144907
145068 145262 145280 145297 145488 145491 145500 145535
145644 145657 145672 145675 145771 145813 145837 145992
146012 146040 146085 146194 146546 146604 146606 146675
146694 146708 146718 146771 146785 146977 147017 147167
147232 147266 147350 147370 147381 147401 147454 147520
147539 147557 147560 147598 147721 147778 147838 147877
147960 148038 148047 148050 148058 148095 148195 148211
148239 148262 148267 148281 148350 148355 148360 148392
148415 148423 148453 148456 148504 148506 148508 148509
148512 148557 148623 148673 148679

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 120936 granted to Kautex Werk Reinold Hagen for an invention relating to "apparatus for blow moulding hollow articles". The patent ceased on the 16th April, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th April, 1982.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th July 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which nehe bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139714 granted to The Eimco-K. C. P. Ltd. for an invention relating to "a rotary drum suction filter for separating solid particles from a carrier liquid". The patent ceased on the 8th April, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th April, 1982. Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th July 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139692 granted to Hoshang Darab Palanji Pavri for an invention relating to "printing plates/books and method for making same". The patent ceased on the 13th March, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th April, 1982. Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 29th July 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No 143829 granted to Council of Scientific and Industrial Research for an invention relating to "a process and a device for electro thermal smelting of lead from lead sulphide concentrate". The patent ceased on the 24th February, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 11th April, 1981. Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th July 1982 under Rule 69 of the Patents Rules 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 147530 granted to United States Department of Commerce for an invention relating to "Square hole drill". The patent ceased on the 13th July, 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th April, 1982. Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th July 1982 under 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS.

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 150646. Research and Development N. V. of John B., Gorsiraweg 6, Curecao, Netherlands Antilles. "Chair". April 6, 1981.

Class. 1. No. 150647. —same—. April 6, 1981.

Class. 1. No. 150648. —same—. April 6, 1981.

Class. 1. No. 150649. —same—. April 6, 1981.

Class. 1. No. 150951. Union Carbide India Limited, an Indian Company of 1, Middleton Street Calcutta-700071 W B. India. "Electric Torch Switch". June 29, 1981.

Class. 1. No. 151381. Application Des Gaz, a French Societe anonyme, 173 Rue debercy. 75012, Paris France. "Gas Lamp". December 5, 1981.

Class. 1. No. 151381. —same—. December 5, 1981.

Class. 1. No. 151382 —same—. December 5, 1981.

Class. 3. No. 151103. UWE Meffert of C7 21st floor Elizabeth House, Gloucester Road, Causeway Bay. Hong Kong, a citizen of the Federal Republic of Germany. "A puzzle Toy". Priority date April, 1981.

Class. 3 No. 151176. Deep Metal Industries, Indian Partnership Firm of Chakan (Taluka : Khed). Dist : Poona. Pin : 410501 Maharashtra, India, "A dough press". September 28, 1981.

Class. 3. No. 151310. Dilip Harkishin Chhabria of 4/C Giriraj Altamount Road, Bombay 400026. Maharashtra India. Indian Nationality. "Tail Lamp". November 5, 1981.

Class. 3. No. 151463. Harshad Khushaldas Mehta, an Indian Citizen, 12 Kesar Kunj, Dr. Dalvi Road Kandivli West Bombay-400067 Maharashtra, India. "Television Projector". January 13, 1982

EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS.

Nos. 145995, 150195, 145806 .. Class 1.

Nos. 145195 & 145196 .. Class. 4.

EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS.

Nos. 145806, 150195, 138789, .. Class. 1.

Nos. 139884, 140478, 145486 140513, 140399, 138764 & 140479 .. Class. 3.

Name Index of applicants for Patents for the month of February 1982 (Nos. 119/Cal/82 to 231/Cal/82, 23/Bom/82 to 51/Bom/82, 19/Mas/82 to 45/Mas/82 and 80/Del/82 to 164/Del/82).

Name	*Appln. No.*

A

A.A.R.R.C. (Management) Pty. Limited.—221/Cal/82.

Abex Corporation.—129/Cal/82, 201/Cal/82.

Aikoh Co., Ltd.—166/Cal/82.

Air Preheater Company, Inc., The.—128/Cal/82.

Allis-Chalmers Corporation.—125/Del/82.

Anna, T. D.—40/Mas/82.

Application Des Gaz.—164/Cal/82, 185/Cal/82.

Asar, H. V.—36/Bom/82.

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